

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



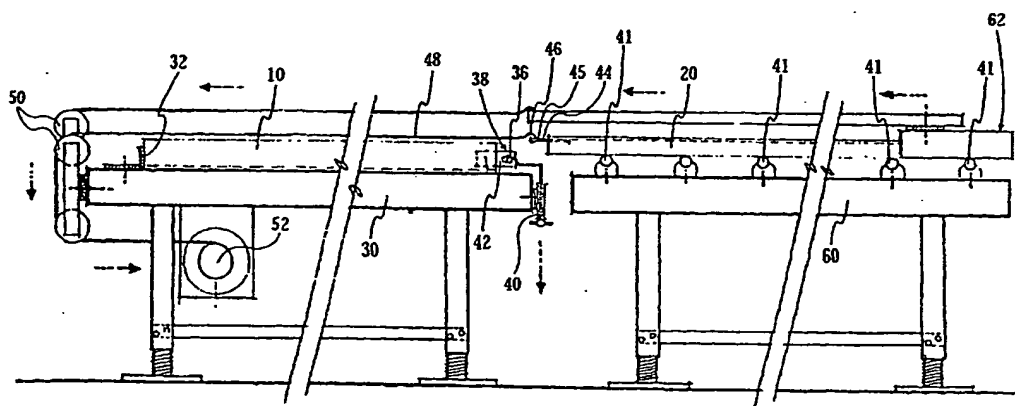
(43) International Publication Date
25 March 2004 (25.03.2004)

PCT

(10) International Publication Number
WO 2004/025065 A1

- (51) International Patent Classification⁷: E06B 3/70, 3/96
- (21) International Application Number:
PCT/SG2003/000076
- (22) International Filing Date: 11 April 2003 (11.04.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
200205490-6 12 September 2002 (12.09.2002) SG
- (71) Applicant (for all designated States except US):
MALAYSIA WOODWORKING (PTE) LTD. [SG/SG];
18 Kranji Loop, Singapore 739552 (**).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): YONG, Toong,
Chuan [SG/SG]; Blk 212 Bishan Street 23#16-255,
Singapore 570212 (**).
- (74) Agent: LAWRENCE Y D HO & ASSOCIATES PTE
LTD; 30 Bideford Road, #07-01 Thongsia Building, Sin-
gapore 229922 (**).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,
SE, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND APPARATUS FOR ASSEMBLING A 2-PIECE SKIN DOOR



(57) Abstract: A method and apparatus for assembling a 2-piece skin door comprising a bottom skin (10) and a top skin (20) wherein each of the bottom and top skins' longitudinal edges have been bent and folded to complementarily hem each other in an interlocking manner to form a seam, the method including : holding the bottom skin in an upwardly open pan manner; holding the top skin in an inverted pan manner wherein its folded and hemmed edges are aligned with the corresponding edges of the bottom skin; and pushing the top skin to insert said top skin's folded edge into the bottom skin's corresponding folded edge to form said interlocking seam. The bottom skin may be held securely on a substantially planar surface with securing means. The top skin may be provided with means for pulling it in alignment towards the bottom skin by winch and cable with hook means.